

*Incl. Memo*  
August 7, 1985

OCT 28 1985

Mr. Art Danbeck  
Genie's Gallery  
2539 E. Cherry  
Springfield, MO 65802

Certified No. PO4 9037070

Dear Mr. Danbeck:

Personnel from this office have tried, with no success, to contact you at the above location on several occasions during the past two weeks concerning your waste discharged to the sanitary sewer. Although on the last visit this office was later contacted by phone and informed that your business is not connected to the sanitary sewer.

Due to the fact that you are stripping silver from mirrors, there is some question as to what the proper disposal of the waste from this operation should be. Therefore I am requesting the following information from you in writing: (1) A statement as to whether your waste is discharged to the sanitary sewer or to a septic tank; (2) A brief description of your mirror resilvering operation and what would be expected to be discharged to the sanitary sewer or your septic tank; and (3) A statement as to how many gallons per day are discharged to the sanitary sewer or your septic tank. I would like to receive this information within 15 days.

If you have any questions, please feel free to call at 864-1920.

Yours truly,

Robert R. Schaefer, P.E.  
Superintendent of Sanitary Services

RRS:js

cc: Mr. Henry Cole, P.E., Sanitary Engineer  
Mr. Gene Pabst, Water Pollution Control

2539 E. CHERRY



2539 E. Cherry - Springfield, Mo. 65802  
(417) 866-1625

Line  
Answer  
this  
for me.  
Bob

OCT 21 1985

10/17/85

Dear Mr. Schaefer,

In reply to your request  
as to our stripping silver  
from mirrors

Our stool and sink  
are the only items we have  
on city sewer. All waste  
from the stripping process goes  
into a septic tank.

Mirrors are stripped  
with acid, then rinsed with  
pure water. All residue  
goes into the septic tank.  
We silver every 3 weeks  
and use about 1 quart of

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of acid and 5 to 6 gallons  
of pure water.

The septic tank is  
cleaned about every 18 to  
24 months.

We hope this helps clear  
up the matter at hand. If  
we can be of further aid  
we will be happy to help.

Ann Dumbauld  
Genie's Gallery.

**CITY of  
SPRINGFIELD**



October 31, 1985

Mr. Art Danbeck  
Genie's Gallery  
2539 E. Cherry  
Springfield, MO 65802

Certified No. PO4 9037082

Dear Mr. Danbeck,

In response to your letter dated October 17, 1985 concerning your silver stripping operation, there appears to be a problem with your waste disposal method. As stated in your letter "Mirrors are stripped with acid, then rinsed with pure water. All residue goes into the septic tank." There are a couple of problems with the fact that this waste is placed into a septic tank. First, if this is a conventional type septic tank with a leach field, then this would not be an acceptable means of disposal due to the possible high concentration of silver that could eventually contaminate the groundwater. Secondly, when you have this septic tank cleaned, whether it is a conventional type septic tank with a leach field or just a septic tank being used for storage, with no means of discharge other than being pumped out, the material that is pumped out cannot be taken and discharged directly into any of the City's Wastewater Treatment Plants. Again this is due to the possible high concentration of silver as well as the problem with a low pH.

It is the recommendation of this office that this problem be corrected in one of two ways. The first way would be to eliminate the use of the septic tank completely. Put all waste into the City's sanitary sewer with pretreatment of your mirror processing waste. Pretreatment would involve sampling and analyzing your waste to determine the pH level as well as the amount of silver that would be entering the sanitary sewer. These test results would then have to be submitted to this office. At this point a determination would be made as to whether the pH level and the amount of silver would have to be adjusted before entering the City's sanitary sewer.

**Department of Public Works**

830 Boonville Avenue  
Springfield, Missouri 65801  
(417) 864-1900

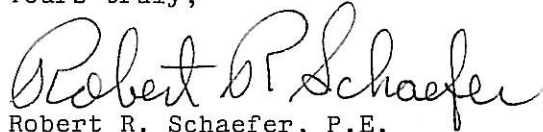
Mr. Art Danbeck  
Genie's Gallery  
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October 31, 1985

The second means of correcting the problem would be to eliminate the use of your septic tank and handle the disposal of your waste as a hazardous material. This would involve obtaining several permits from the Missouri Department of Natural Resources as well as shipping the material to an approved disposal site.

Please contact this office within 15 days as to what steps you plan to take to correct this problem.

If you have any questions, please feel free to call at 864-1920.

Yours truly,

A handwritten signature in cursive script that reads "Robert R. Schaefer". The signature is written in dark ink and is positioned above the printed name and title.

Robert R. Schaefer, P.E.  
Superintendent of Sanitary Services

RRS:js

cc: Mr. Henry M. Cole, P.E., Sanitary Engineer  
Mr. Gene Pabst, Water Pollution Control

CITY of  
SPRINGFIELD



CERTIFIED  
P04 9037082  
MAIL



ALWAYS USE  
ZIP CODE  
65802

TO SENDER  
REASON CHECKED  
Unclaimed ☒ Refused ☐  
Address unknown ☐  
Incorrect Address ☐  
No such street ☐  
No such office in state ☐  
Do not return in this envelope

Mr. Art Danbeck  
Genie's Gallery  
2539 E. Cherry  
Springfield, MO 65802

Gene

Notified  
11/5/85

1st Notice NOV 12 1985  
2nd Notice  
Return NOV 22 1985

NOV 23 1985

Department of Public Works

830 Boonville  
Springfield, Missouri 65802

DOMESTIC RETURN RECEIPT

PS Form 3811, July 1983

SENDER: Complete items 1, 2, 3 and 4.

Put your address in the "RETURN TO" space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for service(s) requested.

- ☐ Show to whom, date and address of delivery.
- ☐ Restricted Delivery.

NOV 26 1985

3. Article Addressed to:  
Mr. Art Danbeck  
Genie's Gallery  
2539 E. Cherry  
Springfield, MO 65802

4. Type of Service: Article Number  
☐ Registered ☐ Insured  
☒ Certified ☐ COD P04 9037082  
☐ Express Mail

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature Addressee  
6. Signature Agent  
7. Date of Delivery  
8. Addressee's address (ONLY if requested and do not put)

UNCLAIMED

NOV 26 1985

2539 E. CHERRY